IN THE CLAIMS

Please amend the claims as follows:

1. (Original): A disc substrate having an eccentricity measuring area in which a groove area formed with spiral grooves and a planer mirror area are spatially alternately arranged.

2. (Original): A disc substrate according to claim 1, wherein an interval between the grooves in said groove area is selected in accordance with an optical system of a mechanical characteristics measuring apparatus which is used to measure an eccentricity amount and a fluctuation of a push-pull signal at one end and the other end of said groove formed spirally in said groove area.

3. (Original): A disc substrate according to claim 2, wherein a width of said groove area and a width of said mirror area are selected in accordance with the optical system of said mechanical characteristics measuring apparatus which is used to measure the eccentricity amount.

4. (Original): A disc substrate according to claim 2, wherein an interval between said grooves is selected so as to have a value in a range from 0.01 time or more to 0.25 time or less of a repetition interval of said groove area or said mirror area.

5. (Original): A disc substrate according to claim 2, wherein an interval between said grooves is selected so as to have a value in a range from 0.01 time or more to 0.15 time or less of a repetition interval of said groove area or said mirror area.

6. (Original): A disc substrate according to claim 4, wherein the repetition interval of said groove area or said mirror area is set to a value in a range from 0.7 μm or more to 2.5 μm or less.

7. (Original): A disc substrate according to claim 4, wherein a width of said groove area is selected so as to have a value in a range from 0.2 time or more to 0.8 time or less of the repetition interval of said groove area or said mirror area.

8. (Original): A disc substrate according to claim 4, wherein a width of said groove area is equal to almost the half of the repetition interval of said groove area or said mirror area.

9. (Original): A disc substrate according to claim 4, wherein a width of said eccentricity measuring area is selected so as to have a value in a range from 30 μm or more to 3 mm or less.

10. (Original): A disc substrate according to claim 1, wherein a clamp area to attach an optical disc to a spindle motor is set near a center hole of said disc substrate, an inner rim diameter of said clamp area is selected from a range of 22 to 24 mm, and an outer rim diameter of said clamp area is selected from a range of 32 to 34 mm.

11. (Original): A disc substrate according to claim 1, wherein a non-data area to attach the disc substrate to a spindle motor, a data area to form an information signal portion, and a non-data area having the eccentricity measuring area to measure eccentricity of the disc substrate are sequentially provided.

12. (Original): A disc substrate according to claim 1, wherein a thickness of said disc substrate is selected from a range of 0.6 to 1.2 mm, a diameter (outer diameter) of said disc substrate is equal to 80 to 120 mm, and an opening diameter (inner diameter) of a center hole is equal to about 15 mm.

13. (Original): A disc substrate according to claim 1, wherein in a system for recording onto the grooves, a distance (track pitch) between the grooves formed in a data area is equal to about 0.32 μm and a width of each groove formed in the data area is equal to about 0.22 μm (half value width).

14. (Original): An optical disc comprising:

a disc substrate having an eccentricity measuring area in which a groove area formed with spiral grooves and a planer mirror area are spatially alternately arranged;

an information signal portion formed on one principal plane of said disc substrate; and

a protective layer for protecting said information signal portion.

15. (Original): An optical disc according to claim 14, wherein said protective layer has light transmittance and recording and/or reproduction of an information signal are/is executed by irradiating a laser beam from the side where said protective layer is provided.

16. (Original): An optical disc according to claim 14, wherein an interval between the grooves in said groove area is selected in accordance with an optical system of a mechanical characteristics measuring apparatus which is used to measure an eccentricity amount and a fluctuation of a push-pull signal at one end and the other end of said groove formed spirally in said groove area.

17. (Original): An optical disc according to claim 16, wherein a width of said groove area and a width of said mirror area are selected in accordance with the optical system of said mechanical characteristics measuring apparatus which is used to measure the eccentricity amount.

18. (Original): An optical disc according to claim 16, wherein an interval between said grooves is selected so as to have a value in a range from 0.01 time or more to 0.25 time or less of a repetition interval of said groove area or said mirror area.

19. (Currently Amended): An optical disc according to claim 16, wherein an interval between said grooves is selected so [[a]] as to have a value in a range from 0.01 time or more to 0.15 time or less of a repetition interval of said groove area or said mirror area.

20. (Original): An optical disc according to claim 18, wherein the repetition interval of said groove area or said mirror area is set to a value in a range from 0.7 μm or more to 2.5 μm or less.

21. (Original): An optical disc according to claim 18, wherein a width of said groove area is selected so as to have a value in a range from 0.2 time or more to 0.8 time or less of the repetition interval of said groove area or said mirror area.

22. (Original): An optical disc according to claim 18, wherein a width of said groove area is equal to almost the half of the repetition interval of said groove area or said mirror area.

23. (Original): An optical disc according to claim 18, wherein a width of said eccentricity measuring area is set to a value in a range from 30 μm or more to 3 mm or less.

24. (Original): An optical disc according to claim 14, wherein said protective layer is made of a light transmitting layer and formed by adhering a sheet onto one principal plane of the substrate on the side where said information signal portion has been formed.

25. (Original): An optical disc according to claim 14, wherein a clamp area to attach an optical disc to a spindle motor is set near a center hole of said disc substrate, an inner rim diameter of said clamp area is selected from a range of 22 to 24 mm, and an outer rim diameter of said clamp area is selected from a range of 32 to 34 mm.

26. (Original): An optical disc according to claim 14, wherein a non-data area to attach the disc substrate to a spindle motor, a data area to form the information signal portion, and a non-data area having an eccentricity measuring area to measure eccentricity of the disc substrate are sequentially provided.

27. (Original): An optical disc according to claim 14, wherein a thickness of said disc substrate is selected from a range of 0.6 to 1.2 mm, a diameter (outer diameter) of said disc substrate is equal to 80 to 120 mm, and an opening diameter (inner diameter) of a center hole is equal to about 15 mm.

28. (Original): An optical disc according to claim 14, wherein in a system for recording onto the grooves, a distance (track pitch) between the grooves formed in a data area

is equal to about 0.32 μm and a width of each groove formed in the data area is equal to about 0.22 μm (half value width).

29. (Original): An optical disc according to claim 14, wherein the sheet which is used to form said light transmitting layer comprises a light transmitting sheet and a PSA (Pressure Sensitive Adhesion) adhered to one surface of said light transmitting sheet.